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SEQUENCE LISTING

5 SEQUENCE LISTING

<110> Colotech
Raskov, Hans Henrik
Albrethsen, Jacob
10 Gammeltoft, Steen
Bøgebo, Rikke Maria

<120> A method for detection of colorectal
cancers in human samples
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<130> P32733PC01

<140> PCT/DK04/000263
20 <141> 2004-04-07

<150> DKPA200300541
<151> 2003-04-08

25 <150> DKPA200301085
<151> 2003-07-16

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 20 25 30
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 35 40 45
 Ala Lys Ser Arg Pro Val
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 25 Thr Ser Ser Thr Ser Tyr Asn Arg Gly Asp Ser Thr Phe Glu Ser Lys
 35 40 45
 Ser

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 45 Phe Thr Ser Ser Thr Ser Tyr Asn Arg Gly Asp Ser Thr Phe Glu Ser
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 Lys

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 1 5 10 15
 His Pro Gly Ile Ala Glu Phe Pro Ser Arg Gly Lys Ser Ser Ser Tyr
 5 20 25 30
 Ser Lys Gln Phe Thr Ser Ser Thr Ser Tyr Asn Arg Gly Asp Ser Thr
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 Glu Asp His Val Lys Leu Val Asn Glu Val Thr Glu Phe Ala Lys Thr
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 Cys Val Ala Asp Glu Ser Ala Glu Asn Cys Asp Lys Ser Leu His Thr
 35 40 45
 Leu Phe Gly Asp Lys
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 Gln Cys Pro Phe Glu Asp His Val Lys Leu Val Asn Glu Val Thr Glu
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 Phe Ala Lys
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 Thr Phe His Ala Asp Ile Cys Thr Leu Ser Glu Lys Glu Arg
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 Ser Glu Lys Glu Arg Gln Ile Lys Lys Gln Thr Ala Leu Val Glu Leu
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 Val Gln Pro Ile Leu Asn Glu His Thr Phe Cys Ala Gly Met Ser Lys
 15 35 40 45
 Tyr Gln Glu Asp Thr Cys Tyr Gly Asp Ala Gly Ser Ala Phe Ala Val
 50 55 60
 His Asp Leu Glu Glu Asp Thr Trp Tyr Ala Thr Gly Ile Leu Ser Phe
 65 70 75 80
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 Glu Gly Ser Thr Val Pro Glu Lys Lys Thr Pro Lys Ser Pro Val Gly
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 Val Gln Pro Ile Leu Asn Glu His Thr Phe Cys Ala Gly Met Ser Lys
 35 40 45
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 Leu Gly Asp Ile Leu Gly Ser Ala Met Gln Asn Thr Gln Asn Leu Leu
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 Gln Met Pro Tyr Gly Cys Gly Glu Gln Asn Met Val Leu Phe Ala Pro
 35 40 45
 15 Asn Ile Tyr Val Leu Asp Tyr Leu Asn Glu Thr Gln Gln Leu Thr Pro
 50 55 60
 Glu Val Lys Ser Lys Ala Ile Gly Tyr Leu Asn Thr Gly Tyr Gln Arg
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 Gln Leu Asn Tyr Lys His Tyr Asp Gly Ser Tyr Ser Thr Phe Gly Glu
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 Arg

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 His His Thr Ala Tyr Leu Val Phe Ser Pro Ser Lys Ser Phe Val His
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 40 Leu Glu Pro Met Ser His Glu Leu Pro Cys Gly His Thr Gln Thr Val
 35 40 45
 Gln Ala His Tyr Ile Leu Asn Gly Gly Thr Leu Leu Gly Leu Lys Lys
 50 55 60
 Leu Ser Phe Tyr Tyr Leu Ile Met Ala Lys Gly Gly Ile Val Arg
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 Asp Ser Leu Val Phe Val Gln Thr Asp Lys Ser Ile Tyr Lys Pro Gly
 35 40 45
 Gln Thr Val Lys
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 20 Arg Val Gly Phe Tyr Glu Ser Asp Val Met Gly Arg Gly His Ala Arg
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 Leu Val His Val Glu Glu Pro His Thr Glu Thr Val Arg Lys
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 Ala Pro Cys Ser Lys Asp Leu Gly Asn Ala
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 Glu Lys Phe Ser Gly Gln Leu Asn Ser His Gly Cys Phe Tyr Gln Gln
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 55 Val Lys Thr Lys Val Phe Gln Leu Lys
 35 40

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 20 25 30
 15 Leu Thr Val Thr His Pro Val Val Arg
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 Phe Glu Asn Gly Ile Tyr Thr Pro Arg Leu Gly Ser Tyr Pro Val Gly
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 35 Gly Asn Val Ser Phe Glu Cys Glu Asp Gly Phe Ile Leu Arg
 50 55 60

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 Phe Arg Met Gln Pro Trp Leu Arg
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 Leu Ser Lys Ala Val Cys Lys Pro Val Arg Cys Pro Ala Pro Val Ser
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 10 Phe Glu Asn Gly Ile Tyr Thr Pro Arg Leu Gly Ser Tyr Pro Val Gly
 35 40 45
 Gly Asn Val Ser Phe Glu Cys Glu Asp Gly Phe Ile Leu Arg
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 Lys Trp Leu Ile Leu Glu Lys Gln Lys Pro Asp Gly Val Phe Gln Glu
 35 40 45
 50 Asp Ala Pro Val Ile His Gln Glu Met Ile Gly Gly Leu Arg Asn Asn
 50 55 60
 Asn Glu Lys Asp Met Ala Leu Thr Ala Phe Val Leu Ile Ser Leu Gln
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 Glu Ala Lys

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 Glu Lys Phe Tyr Tyr Ile Tyr Asn Glu Lys Gly Leu Glu Val Thr Ile
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 15 Thr Ala Arg
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 20 25 30
 Ala Gln Arg Ala Glu Leu Gln Cys Pro Gln Pro Ala Ala Arg Arg Arg
 35 40 45
 35 Arg Ser Val Gln Leu Thr Glu Lys
 50 55

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 Gly Ile Pro Val Lys Gln Asp Ser Leu Ser Ser Gln Asn Gln Leu Gly
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 Val Leu Pro Leu Ser Trp Asp Ile Pro Glu Leu Val Asn Met Gly Gln
 35 40 45
 55 Trp Lys
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 Arg Ser Glu Glu Thr Lys Glu Asn Glu Gly Phe Thr Val Thr Ala Glu
 20 25 30
 15 Gly Lys Gly Gln Gly Thr Leu Ser Val Val Thr Met Tyr His Ala Lys
 35 40 45

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 Asn Pro Glu Gly Ile Pro Val Lys
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13/14

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 Ala Glu Glu Asn Cys Phe Ile Gln Lys
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 Glu Gln Asn Met Ile Gly Met Thr Pro Thr Val Ile Ala Val His Tyr
 35 40 45
 Leu Asp Glu Thr Glu Gln Trp Glu Lys Phe Gly Leu Glu Lys
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 Trp Glu Asp Pro Gly Lys Gln Leu Tyr Asn Val Glu Ala Thr Ser Tyr

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Ala Leu Leu Ala Leu Leu Gln Leu Lys
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Met Thr Pro Thr Val Ile Ala Val His Tyr Leu Asp Glu Thr Glu Gln
20 25 30

20

Trp Glu Lys Phe Gly Leu Glu Lys Arg
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Pro Thr Glu Lys
35

40